

determining the period of the load cycle oscillation, and during the commencement of the change in available torque, applying at least one torque pulse which causes an oscillation in phase opposition to the load cycle oscillation, wherein said torque pulse is produced by a motor, said torque pulse having a duration which is about half the period of the load cycle oscillation.

4. (Amended) A method as in claim 1 wherein said torque pulse is produced by an electric motor.

5. (Amended) A method as in claim 1 wherein said torque pulse is produced by a starter motor of the vehicle.

16. (Amended) An apparatus for the reduction of load cycle oscillations in the drive train of a motor vehicle, the apparatus comprising:

means for detecting a change in an available torque in the drive train of a motor vehicle, said change causing a load cycle oscillation having a period,  
means for determining the period of the load cycle oscillation,  
means for generating a torque pulse coupled to the drive train, and  
logic means for triggering the torque pulse during the commencing of a load cycle oscillation, said logic means controlling said torque pulse so that it lasts half the period of the load cycle oscillation and is in phase opposition to the load cycle oscillation.